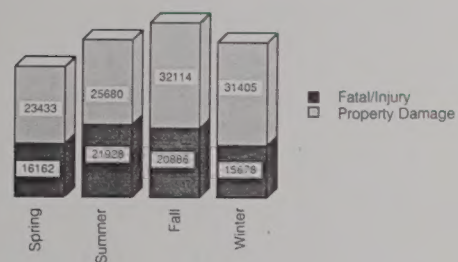
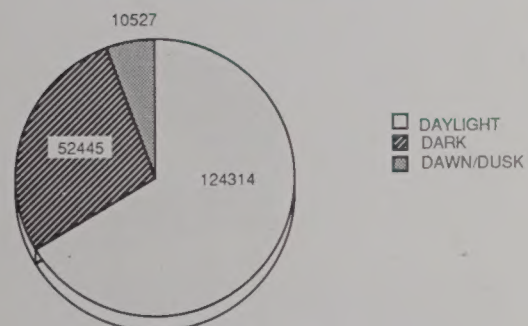


## CONTRIBUTING CONDITIONS

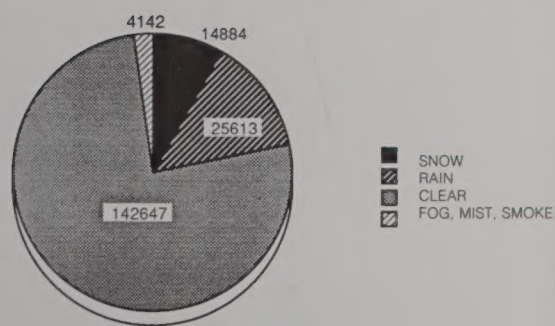
### TIME OF YEAR



### LIGHT CONDITION

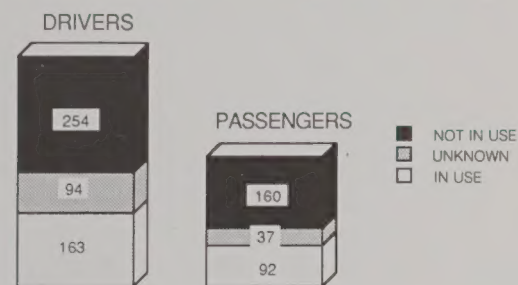


### VISIBILITY



## SAFETY

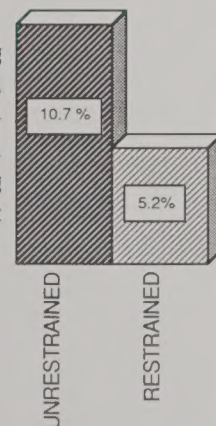
### Fatalities How Many Were Using Seat Belts?



Figures indicate that fatalities are much higher for both drivers and passengers who do not use belts.

### Child restraints in accidents: How many serious injuries?

The percentage of children travelling unrestrained who suffered major/fatal injuries is double that of children suffering similar injuries. Of the children under five years of age killed during the last six years (1981-1986) about 60 per cent were unrestrained.



## 1986 HIGHLIGHTS

- 5,817,799 licensed drivers in Ontario
- 5,421,220 registered vehicles
- about 68.5 billion kilometres were travelled on Ontario roads
- 187,286 accidents were reported
- \$583,938,134 property damage occurred
- 108,839 people were injured
- average hospital stay for hospitalized victims is 10.5 days
- 1,102 people were killed
- 112,632 property damage accidents
- 16-20 year age category had the highest accident rate per driver
- speeding was the most common error in fatal accidents
- most common non-collision accident is rollover
- brakes were the most common mechanical defect contributing to accidents
- majority of accidents occurred in urban areas
- Friday and Saturday were the days when most accidents were likely to occur
- largest proportion of all accidents occur between 12 noon and six p.m.
- about 5,922 vehicles involved in accidents were not insured
- 99 motorcyclists were killed
- 1/3 of the motorcycle drivers involved in fatal accidents were not licensed to drive a motorcycle
- 752 accidents involving school buses occurred
- 188 accidents involving trains occurred
- 29 bicyclists were killed
- 250 injuries were reported involving off-road vehicles

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For more information refer to MTC's 1986 Ontario Road Safety Annual Report.

or contact:

Safety Coordination and Development Office  
MTC  
1201 Wilson Avenue  
Downsview, Ontario  
M3M 1J8  
416/235-3585



Ministry  
of  
Transportation

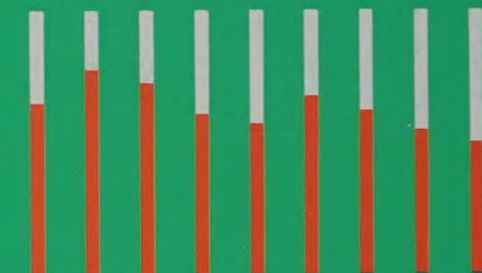
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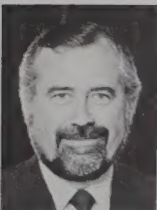
ONTARIO



## ACCIDENT FACTS SUMMARY







### MINISTER'S MESSAGE

The safety of Ontario's road users is a major concern of my ministry. We maintain and analyze statistical data on all the reported accidents in the province to help us improve safe driving in Ontario.

This brochure highlights the accident statistics and should prove useful for obtaining quick answers about the characteristics of accidents like where and when accidents occur. These answers should help us to develop a better awareness of highway safety. More detailed statistics are available in the Ontario Road Safety Annual Report.

Alcohol use continues to be a major factor in highway accidents. The accident statistics indicate there is still more to be done to remove impaired drivers from Ontario's highways.

In 1986 there were 1,102 persons killed in motor vehicle accidents in Ontario, the lowest number of deaths since 1954. We have made great gains in reducing deaths, but there is still a very large accident problem. The deaths and major injuries represent a terrible cost in suffering and loss of human potential. The economic costs in lost time and property damage are very large and are also, in a sense, tragic because they take up resources that could otherwise be put to better use to improve the well being and quality of life of Ontario's citizens.

*Ed Fulton*

Ed Fulton  
Minister of Transportation

## IN ONE DAY

On an average day in 1986 on Ontario roads and highways about:

- 513 accidents occurred
- 953 vehicles were involved in these accidents
- \$1.6 million in property damage occurred
- 298 people were injured
- 24 people were admitted into a hospital for a major injury
- 16 of the admitted required surgery
- 3 people died
- 1 of the 3 killed involved a driver who had been drinking

### DURING 1986

- 1,102 people were killed as a result of traffic collisions.
- 108,839 people were injured.
- 187,286 accidents occurred.

### IN THE PAST

Over the past 10 years there has been a steady decline in fatal accidents. However, personal injury accidents have increased recently due to an increase in reports of minimal injuries.

## THE PEOPLE

### VICTIMS

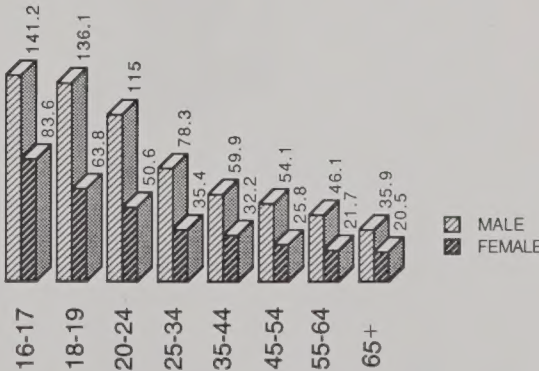
#### TRAFFIC FATALITIES

Drivers (511)  
Passengers (289)  
Motorcycle Drivers (99)  
Motorcycle Passengers (15)  
Bicyclist (29)  
Pedestrian (153)  
Other (6)  
Total (1,102)

#### TRAFFIC INJURIES

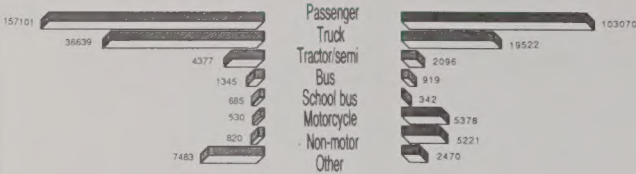
Drivers (57,233)  
Passengers (34,915)  
Motorcycle Drivers (5,012)  
Motorcycle Passengers (870)  
Bicyclist (4,681)  
Pedestrian (5,781)  
Other (347)  
Total (108,839)

### DRIVER INJURIES BY AGE (Per 1,000 Drivers)



## THE ACCIDENT

### TYPE OF VEHICLE



#### PROPERTY DAMAGE

#### CASUALTY

The majority of vehicles involved in accidents are passenger vehicles; however they account for 75 per cent of the vehicle population.

### CLASS OF ACCIDENT 1977-86

Year	Class of Accident			TOTAL
	Fatal	Personal Injury	Property Damage	
1977	1,213	63,787	153,567	218,567
1978	1,263	62,664	122,436	186,363
1979	1,316	67,201	128,679	197,196
1980	1,296	67,391	127,814	196,501
1981	1,234	67,292	129,846	198,372
1982	997	62,956	123,990	187,943
1983	1,042	62,735	118,222	181,999
1984	1,011	66,101	127,670	194,782
1985	1,036	73,840	114,874	189,750
1986	951	73,703	112,632	187,286

## DRIVER CONDITION

### DRIVER CONDITION

Condition of Driver	Class of Accident 1986			TOTAL
	Fatal	Injury	Property Damage	
Normal	1,021	112,682	171,965	285,668
Had Been Drinking	140	5,457	4,881	10,478
Ability Impaired Alcohol	275	3,691	3,146	7,112
Ability Impaired Drugs	-	52	41	93
Fatigue	12	633	535	1,180
Medical or Physical Defect	5	385	271	661
Unknown	58	6,897	15,432	22,387
Other	1	152	119	272
Total	1,512	129,949	196,390	327,851

### DRIVER ACTION IN ACCIDENTS

